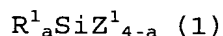


## ABSTRACT

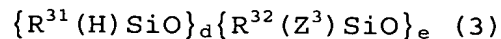
The object of the invention is to provide a porous film having the dielectric constant of 2.2 or less and having practicable mechanical strength. This invention provides a porous film-forming composition comprising (A) and (B):

- (A) 100 parts by weight of a hydrolyzable silicon compound and/or a product resulting from hydrolysis condensation of silicon compound expressed by following formulae (1):



wherein  $Z^1$  denotes a hydrolyzable group;  $R^1$  denotes a substituted or non-substituted monovalent hydrocarbon group; and  $a$  denotes an integer of 0 to 3; and

- (B) 0.1 to 20 parts by weight of a cross-linking agent comprising at least one cyclic oligomer which can generate silanol group(s) by heating and which is expressed by following formulae (3):



wherein  $R^{31}$  and  $R^{32}$  each denotes a substituted or non-substituted monovalent hydrocarbon group;  $Z^3$  denotes a group which can generate silanol by heating; and each  $d$  and  $e$  denotes an integer of 0 to 10, and a sum of  $d$  and  $e$  is greater than or equal to three.